CLAIMS

[c1] 1. In a communication device, a method for reducing latency in a group communication network, the method comprising:

receiving a floor-control request from a user of the communication device who wishes to initiate a group call; and

transmitting the floor-control request on a reverse common channel of a wireless network to a controller.

[c2] 2. The method of claim 1, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.

[c3] 3. The method of claim 1, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

[c4] 4. The method of claim 1, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

[c5] 5. The method of claim 1, further including re-establishing traffic channel for the communication device.

[c6] 6. The method of claim 1, further including re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

[c7] 7. The method of claim 1, further including renegotiating a radio link protocol (RLP) for the communication device.

[c8] 8. The method of claim 1, further including renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

[c9] 9. The method of claim 1, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

[c10] 10. The method of claim 1, further including receiving a response to the floor-control request on a forward common channel of the wireless network.

[c11] 11. The method of claim 10, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

[c12] 12. The method of claim 10, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

[c13] 13. The method of claim 10, wherein the receiving the response includes receiving the response in short data burst (SDB) form.

[c14] 14. In a communication device, a computer-readable medium embodying a method for reducing latency in a group communication network, the method comprising:

receiving a floor-control request from a user of the communication device who wishes to initiate a group call; and

transmitting the floor-control request on a reverse common channel of a wireless network to a controller.

[c15] 15. The computer-readable medium of claim 14, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.

[c16] 16. The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

[c17] 17. The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

[c18] 18. The computer-readable medium of claim 14, wherein the method further includes re-establishing traffic channel for the communication device.

[c19] 19. The computer-readable medium of claim 14, wherein the method further includes re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

[c20] 20. The computer-readable medium of claim 14, wherein the method further includes renegotiating a radio link protocol (RLP) for the communication device.

[c21] 21. The computer-readable medium of claim 14, wherein the method further includes renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

[c22] 22. The computer-readable medium of claim 14, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

[c23] 23. The computer-readable medium of claim 14, wherein the method further includes receiving a response to the floor-control request on a forward common channel of the wireless network.

[c24] 24. The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

[c25] 25. The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

[c26] 26. The computer-readable medium of claim 23, wherein the receiving the response includes receiving the response in short data burst (SDB) form.

[c27] 27. A communication device for reducing latency in a group communication network, comprising:

means for receiving a floor-control request from a user of the communication device who wishes to initiate a group call; and

means for transmitting the floor-control request on a reverse common channel of a wireless network to a controller.

[c28] 28. The communication device of claim 27, wherein the means for receiving includes a push-to-talk (PTT) device.

[c29] 29. The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

[c30] 30. The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

[c31] 31. The communication device of claim 27, further including means for re-establishing traffic channel for the communication device.

[c32] 32. The communication device of claim 27, further including means for re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

[c33] 33. The communication device of claim 27, further including means for renegotiating a radio link protocol (RLP) for the communication device.

[c34] 34. The communication device of claim 27, further including means for renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

[c35] 35. The communication device of claim 27, wherein the means for transmitting includes means for transmitting the floor-control request in short data burst (SDB) form.

[c36] 36. The communication device of claim 27, further including means for receiving a response to the floor-control request on a forward common channel of the wireless network.

[c37] 37. The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response on a forward paging channel (F-PCH) of the wireless network.

[c38] 38. The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response on a forward common control channel (F-CCCH) of the wireless network.

[c39] 39. The communication device of claim 36, wherein the means for receiving the response includes means for receiving the response in short data burst (SDB) form.

[c40] 40. A communication device for reducing latency in a group communication network, the communication device comprising:

a receiver;

a transmitter; and

a processor communicatively coupled to the receiver and the transmitter, the processor being capable of:

receiving a floor-control request from a user of the communication device who wishes to initiate a group call; and

transmitting the floor-control request on a reverse common channel of a wireless network to a controller.

[c41] 41. The communication device of claim 40, wherein the receiving includes receiving the floor-control request through a push-to-talk (PTT) device.

[c42] 42. The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request on a reverse access channel (R-ACH) of the wireless network.

[c43] 43. The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request on a reverse enhanced access channel (R-EACH) of the wireless network.

[c44] 44. The communication device of claim 40, the processor further being capable of re-establishing traffic channel for the communication device.

[c45] 45. The communication device of claim 40, the processor further being capable of re-establishing traffic channel for the communication device simultaneously with the transmitting the floor-control request.

[c46] 46. The communication device of claim 40, the processor further being capable of renegotiating a radio link protocol (RLP) for the communication device.

[c47] 47. The communication device of claim 40, the processor further being capable of renegotiating a radio link protocol (RLP) for the communication device simultaneously with the transmitting the floor-control request.

[c48] 48. The communication device of claim 40, wherein the transmitting includes transmitting the floor-control request in short data burst (SDB) form.

[c49] 49. The communication device of claim 40, the processor further being capable of receiving a response to the floor-control request on a forward common channel of the wireless network.

[c50] 50. The communication device of claim 49, wherein the receiving the response includes receiving the response on a forward paging channel (F-PCH) of the wireless network.

[c51] 51. The communication device of claim 49, wherein the receiving the response includes receiving the response on a forward common control channel (F-CCCH) of the wireless network.

[c52] 52. The communication device of claim 49, wherein the receiving the response includes receiving the response in short data burst (SDB) form.